

# SENATE BILL 1383

(Mandatory Organic Waste Disposal Reduction)

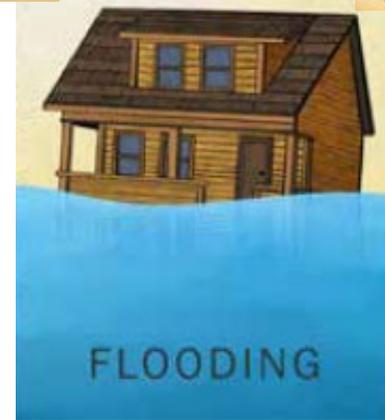
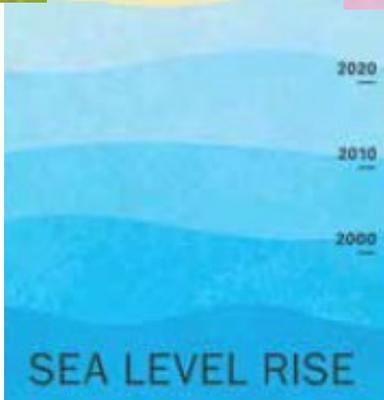
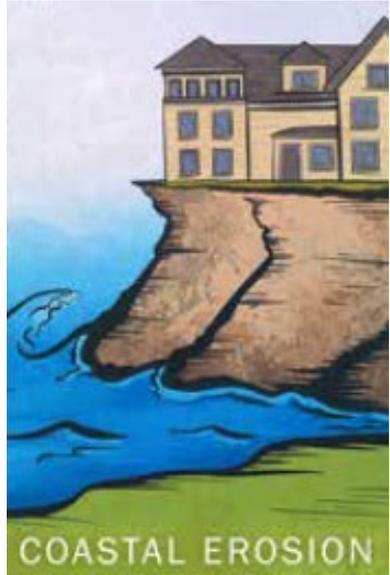
October 19, 2021

Based on a presentation by

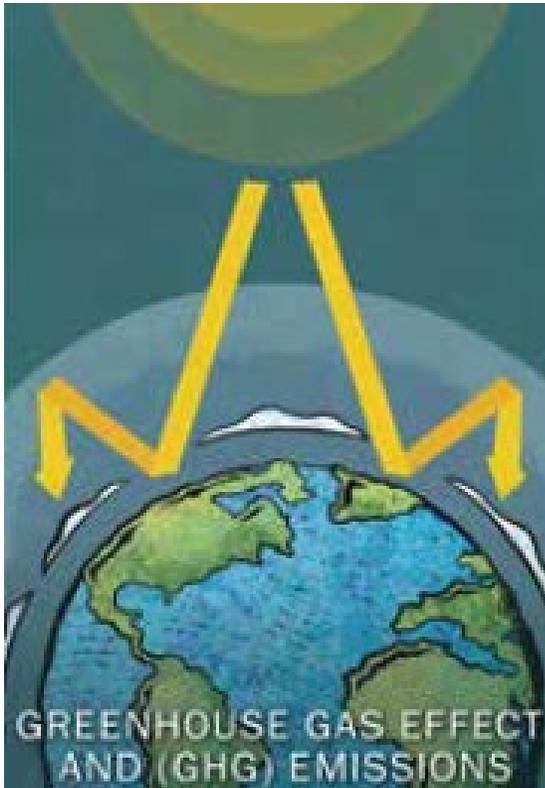


City of Half Moon Bay City Council

# CLIMATE CHANGE

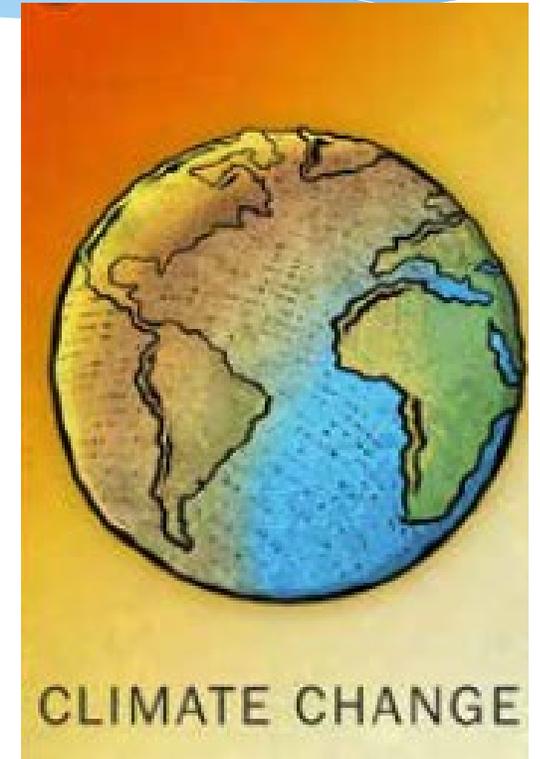
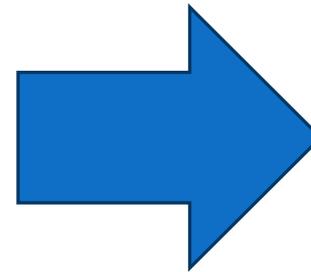


# CLIMATE CHANGE



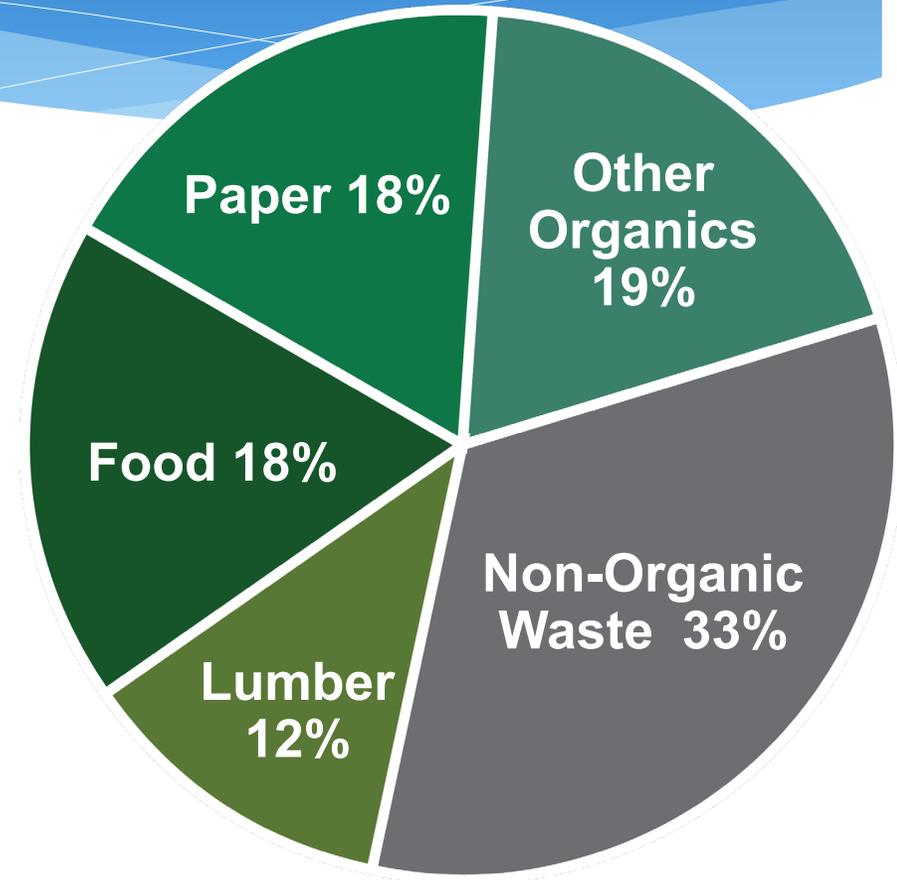
## GHGs Include:

- Carbon Dioxide
- **Methane**
- Nitrous Oxide
- Fluorinated Gases



# METHANE AND LANDFILLS

- Methane comes from the anaerobic breakdown of organic waste
- California disposed of **~27 million tons** of organic waste in 2017
- SB 1383 requires the state to reduce organic waste disposal



**California's Waste Stream**

# SB 1383 Overview

- **Overall Goal:** Reduce greenhouse gas emissions by decreasing the amount of organic waste that is landfilled
- **Statewide Targets:**
  - Reduce organic waste disposal by 75% by 2025 (>20 million tons annually)
  - Increase edible food recovery by 20 percent by 2025

# SB 1383 Implementation Timeline

By January 1, 2022

Adopt ordinance (enforceable mechanism) that includes enforcement

Start conducting annual compliance reviews, route reviews, and inspections. Educate violators.

State enforcement begins

2022

2023

By January 1, 2024

Local government required to take enforcement

2024

By January 1, 2025

75% Reduction in Organics Disposal

20% Increase in Edible Food Recovery

2025

# SB 1383 Requirements for Local Jurisdictions



Provide universal organics collection



Conduct education and outreach to community



Implement edible food recovery program



Procure recyclable and recovered organic products



Secure recycling and edible food recovery capacity



Track compliance, maintain records, and conduct enforcement

# Mandatory Organics Collection Services



- Provide organic waste collection service to all residents and businesses
- Update curbside carts, bins and indoor waste collection to follow universal color scheme

**Status:** Compliant, sans indoor waste collection stations

# Edible Food Recovery Program



- Assess capacity of existing food recovery
- Establish food recovery program (and expand existing infrastructure, if necessary)
- Inspect commercial generators for compliance

**Status:** Compliant, pending execution of MOU with SMC OOS

# Capacity Planning



- Assess capacity of existing food recovery
- Establish food recovery program (and expand existing infrastructure, if necessary)
- Inspect commercial generators for compliance

**Status: Compliant**

# Education and Outreach



- Educate all organic waste generators, commercial edible food generators, and self-haulers annually
- Provide print or electronic communication, with option to supplement with direct communication
- Translate all material so it is accessible to non-English speaking residents

**Status:** Ongoing

# Recovered Organic Waste Product Procurement



- Procure recyclable and recovered organic products
  - Recycled-content paper products
  - Organic material (HMB target: ~985 tons)



**Compost**  
1,428 cu yards



**Mulch**  
985 tons



**Biomass  
Electricity**



**Renewable  
Gas (RNG)**

**Status: In Progress**

# Inspection and Enforcement



- **By January 1, 2022**
  - ✓ Adopt ordinance/enforceable requirement requiring compliance with CalGreen and Water Efficient Landscape Ordinance requirements
  - Adopt ordinance/enforceable requirement for SB 1383
- **January 2022 to Dec 2023 (2 years)**
  - Identify businesses in violation and provide education
- **After January 2024**
  - Begin progressive enforcement

**Status: In Progress**

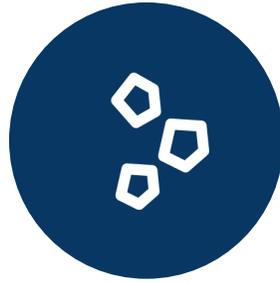
# Recordkeeping Requirements



Organic  
Collection  
Services



Hauler  
Program



Contamination  
Minimization



Waivers



Education &  
Outreach



Edible Food  
Recovery  
Program



Recycled  
Organic Waste  
Procurement



Recycled Paper  
Procurement



Commercial Edible  
Food Generators



Jurisdiction  
Inspection &  
Enforcement

# SB 619 – Organic Waste: Reduction Regulations: Local Jurisdiction Compliance

- Provides jurisdictions opportunity to submit “intent to comply” to CalRecycle, protecting them from administrative penalties in 2022
- Compromise between delaying organics diversion progress and penalizing jurisdictions that are attempting to comply

# Conclusion

- SB 1383 is a significant piece of legislation that will rely heavily on City staff to implement and oversee for the foreseeable future
- Success will be dependent on collaboration and coordination with the community and partners throughout the county
- It is inevitable that customer rates will have to adjust in response to implementation of SB 1383

# Recommendations and Next Steps

1. Open the public hearing, conduct a study session, take public comment, and provide direction to staff on implementation of SB 1383; and
2. Continue the public hearing and introduction of the ordinance to December 7, 2021; and
3. Adopt a resolution authorizing the City Manager to enter into a Memorandum of Understanding (MOU) with the County of San Mateo for the establishment of an Edible Food Recovery Program in Half Moon Bay.

**Next Step:** Amend the municipal code to comply with SB 1383